

# Unipren® Elastomers B3 PRTA010 90A UP317

Polypropylene + EPDM Rubber

Petropol Industry and Trade of Polymers LTDA

## Message:

Thermoplastic compound in black based on EPDM with PP (TPE-V) dynamically vulcanized, suitable for high performance applications where outdoor exposure or resistance to high temperature (135°C) are important requirements.

General Information			
Features	Good Weather Resistance		
	High Heat Resistance		
Appearance	Black		
Resin ID (ISO 1043)	>TPE<		
Physical	Nominal Value	Unit	Test Method
Specific Gravity	0.970	g/cm <sup>3</sup>	ASTM D792
Molding Shrinkage - Flow	2.0 to 3.0	%	ASTM D955
Hardness	Nominal Value	Unit	Test Method
Durometer Hardness (Shore A)	89 to 95		ASTM D2240
Elastomers	Nominal Value	Unit	Test Method
Tensile Stress <sup>1</sup>			ASTM D412
100% Strain	5.20	MPa	
300% Strain	6.60	MPa	
Tensile Strength <sup>2</sup> (Break)	12.0	MPa	ASTM D412
Tensile Elongation <sup>3</sup> (Break)	510	%	ASTM D412
Tear Strength <sup>4</sup>	60.0	kN/m	ASTM D624
Compression Set (70°C, 22 hr)	42	%	ASTM D395B
Injection	Nominal Value	Unit	
Drying Temperature	80.0	°C	
Drying Time	2.0	hr	
Processing (Melt) Temp	180 to 200	°C	
Mold Temperature	25.0 to 50.0	°C	
NOTE			
1.	Die C		
2.	Die C		
3.	Die C		
4.	Die C		

The information and data on this page are provided by manufacturers and document providers. SHANGHAI SUSHENG assumes no legal liability. It is strongly recommended to verify all technical data with material suppliers before final material selection. All rights belong to the original authors. If any infringement occurs, please contact us immediately.

## Susheng Import & Export Trading Co.,Ltd.

Tel: +86 21 5895 8519

Phone: +86 13424755533

Email: sales@su-jiao.com

No. 215, Lianhe North Road, Fengxian District, Shanghai, China

